

+

+

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Application Number

09/990,432

Filing Date

November 21, 2001

First Named Inventor

Jules B. Puschett

Group Art Unit

1641

Examiner Name

Attorney Docket Number

205204-00009

RECEIVED

U.S. PATENT DOCUMENTS

~~JUN 21 2002~~

columns, Lines,
E-Relay
of Relay

TECH CENTER 1 600/2900

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Naileene B. Gabriel</i>	Date Considered	<i>6/14/04</i>
-----------------------	----------------------------	--------------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/990,432
				Filing Date	November 21, 2001
				First Named Inventor	Jules B. Puschett
				Group Art Unit	1641
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	205204-00009
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ¹
* 88		LAEMMLI; <i>Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4</i> , Nature (August 15, 1970), pp. 680-685, Vol. 227			
* 88		LABRIE, et al., <i>Adenohypophyseal Secretory Granules</i> , J. Biol. Chem., (1971), pp. 7311-7317, Vol. 246, No. 23, Issue Dec. 10, U.S.A.			
* 88		WELLER, et al., <i>Protein Kinase Activity in Membrane Preparations from Ox Brain</i> , J. Biochem, (1973), pp. 483-492, Vol. 132, Great Britain			
* 88		UEDA et al., <i>Regulation of Endogenous Phosphorylation of Specific Proteins in Synaptic Membrane Fractions from Rat Brain by Adenosine 3':5'-Monophosphate*</i> , J. Biol. Chem., (1973), pp. 8295-8305, Vol. 248, No. 23, Issue Dec. 10, U.S.A.			
* 88		CHANG, et al., <i>Cyclic Adenosine Monophosphate-dependent Phosphorylation of Specific Fat Cell Membrane Proteins by an Endogenous Membrane-bound Protein Kinase</i> , J. Biol Chem, (1974), pp. 6854-6865, Vol. 249, No. 21, Issue Nov. 10, U.S.A.			
* 88		PINKETT, et al., <i>Phosphorylation of Muscle Plasma Membrane Protein by a Membrane-Bound Protein Kinase</i> , Biochimica et Biophysica Acta, (1974), pp. 379-387, Vol. 372, The Netherlands			
* 88		BRADFORD, <i>A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding</i> , Anal. Biochem, (1976), pp. 248-254, Vol. 72			
* 88		PAMNANI et al., <i>Altered activity of the sodium-potassium pump in arteries of rats with steroid hypertension</i> , Clinical Science and Molecular Medicine, (1978), pp. 41s-43s, Vol. 55			
* 88		HUANG, et al. <i>Bilateral Renal Function Responses to Converting Enzyme Inhibitor (SQ 20, 881) in Two-Kidney, One Clip Goldblatt Hypertensive Rats</i> , Hypertension, (May-June 1981), pp. 285-293, Vol. 3, No. 3			
* 88		HAMMERMAN, et al., <i>Cyclic AMP-dependent Protein Phosphorylation in Canine Renal Brush-Border Membrane Vesicles Is Associated with Decreased Phosphate Transport*</i> , J. Biol. Chem., (1982), pp. 992-999, Vol. 257, No.2, Issue January 25, U.S.A.			
* 88		KEMPSON et al., <i>Inhibition of Renal Brush Border Phosphate Transport and Stimulation of Renal Gluconeogenesis by Cyclic AMP and Parathyroid Hormone</i> , Biochem., Pharmacol., (1983), pp. 1533-1537, Vol. 32, No. 9, Great Britain			

1	HOOD et al., <i>Immunology</i> , Second Edition, (1984), pp. 52-58	
* 86	WEINMAN et al., <i>Protein Kinase C. Activates the Renal Apical Membrane Na⁺/H⁺ Exchanger</i> , J. Membrane Biol., (1986), pp. 133-139, Vol. 93	
* 86	WEINMAN et al., <i>cAMP-associated inhibition of Na⁺-H⁺ exchanger in rabbit kidney brush-border membranes</i> , Am. J. Physiol., (1987), pp. F19-F25, Vol. 252	
* 86	CHEN et al., <i>Volume Expansion-Induced Changes in Renal Tubular Membrane Protein Phosphorylation</i> , Biochemical and Biophysical Research Communications, (February 27, 1987), pp. 74-80, Vol. 143, No. 1	
* 86	LAMINSKI, et al., <i>Phosphorylation of Endogenous Protein in Primate Kidney. Effects of Cyclic AMP</i> , Comp. Biochem. Physiol., (1992), pp. 267-273, Vol. 103B, No. 1, Great Britain	
* 86	SCHENK et al., <i>The Pathogenesis of DOCA-Salt Hypertension</i> , J. Pharmacol. Toxicol Methods, (1992), pp. 161-170, Vol. 27, No. 3	
86	NISHI et al., <i>Renal Na⁺, K⁺-ATPase in Dahl salt-sensitive rats: K⁺ dependence, effect of cell environment and protein kinases</i> , Acta Physiol Scand., (1993), pp. 377-384, Vol. 149	
86	GAIA et al., <i>Heat shock protein 72 in cardiac and skeletal muscles during hypertension</i> , Molecular and Cellular Biochemistry, (1995), pp. 1-7, Vol. 146, The Netherlands	
* 86	CUSTER, et al., <i>Identification of a new gene product (diphor-1) regulated by dietary phosphate</i> , Am. J. Physiol., (1997), pp. F801-F806, Vol. 273 (Renal Physiol. 42)	
* 86	WHITE, et al., <i>A PDZ domain-containing protein with homology to Diphor-1 maps to human chromosome 1q21</i> , Ann. Hum. Genet., (1998), pp. 287-290, Vol. 62, Great Britain	
* 86	IKEMOTO, et al. <i>Identification of a PDZ-domain-containing protein that interacts with the scavenger receptor class B type I</i> , Proceedings of the National Academy of Science, (June 6, 2000), pp. 6538-6543, Vol. 97, No. 12	
Examiner Signature	<i>Paikere R. Sahel</i>	Date Considered <i>6/14/05</i>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.